

# SOUTH PRODUCTION NOTES

October 28, 2014  
Afternoon Shift

**BASF EMPLOYEES**  
20 Last Recordable  
486 Last Lost Time

## **#1 MED / AI-4190:**

Continue to run, and add wet mix into the mixer (about 5 shovel fulls in each batch) get dried samples to lab as soon as possible (end of each shift). Barrel replaced, auger will not go all the way into the extruder. A work order has been created to have maintenance get involved with the auger installation. We continue to have issues installing augers on this extruder. If we are able to get the auger installed we can run the AL-4190 on the bonnet extruder.

Midnight shift: Continue, and keep adding wet mix (almost gone!) Auger #27 was brought to department for installation on #1 Bonnet. Trying to install near end of shift.

Day shift: Continued to run. A work order was written to have maintenance help with the auger installation as we continue to have issues installing augers on this extruder.

Afternoon shift:

## **#1 RC / Clean for SI-1624:**

On hold. Calibration was performed on Tuesday.

Midnight shift: No activity

Day shift: Calciner temperature calibration performed today.

Afternoon shift:

## **#2 MED line / Cu-0860:**

Waiting for spiral elevator isolators to arrive in a couple of weeks.

Midnight shift: MED still down (spiral motor was the issue, spiral isolators new issue). The current decision is to wait until the isolators arrive in a couple of weeks. Kirk will be relocating the gas valves on the dryer on Wednesday / Thursday.

Day Shift: Down.

Afternoon Shift:

## **#2 RC/ Cu 0860:**

The bag on the second floor labeled "keep separate" can be fed to the calciner as well as a bag off of the calciner from lot 154 that can be refed. This bag needs to be located.

Midnight shift: Out of feed except for one bag in red zone on 2<sup>nd</sup> floor, but it is labelled "keep separate"...not feeding that bag until we know what it is.

**Day Shift: No change. The bag on the second floor labeled “keep separate” can be fed to the calciner as well as a bag off of the calciner from lot 154 that can be refed. This bag needs to be located.**

**Afternoon Shift:**

**Exhaust to F1**

### **#3 MED line / Clean for D-1708 Base:**

**Liner for barrel should be installed by Friday. Initial start up of the D-1708 probably will be Monday, November 3. Clean up instructions on GLs desk.**

**Midnight shift: No Activity. Liner for barrel should be installed by Friday. Initial start up of the D-1708 probably will be Monday, November 3. Clean up instructions on GLs desk.**

**Day Shift: No change.**

**Afternoon Shift:**

### **7 Tank AMT:**

**Flex line from tank 6 was switched to tank 7 but did not hold. New flex lines should be in on Wednesday. Keep between 25 and 35. Make sure AMT tank is made up as needed**

**Midnight Shift: DO NOT USE until flex line replaced (work order written).**

**Day Shift: Flex line was taken off of #6 tank and put on tank 7. It did not hold.**

**Will be fixed on day shift Wednesday.**

**Afternoon shift:**

### **Old Pfaudler / D-1795:**

**Continue. NEED 4 BATCHES PER DAY. Make sure D 1794 raws are brought to the 3<sup>rd</sup> floor as needed**

**Midnight Shift: Continue on with current batch in pfaudler, then hold until flex line replaced on 7 tank pump.**

**Day Shift: On hold until new flex line can be installed on Wednesday first shift.**

**Afternoon shift:**

### **#3 Dryer/ D-1795:**

**Continue to feed buggies as they become available. Keep pipeline full, and move D 1794 base to 3<sup>rd</sup> floor when it arrives by truck trailer.**

**Midnight Shift: Continue on as material available.**

**Day shift: Fed the last of the buggies until flex line on tank 7 can be fixed sometime Wednesday.**

**Afternoon Shift:**

### **#3 RC / D-1795:**

**Continue on. Keep feed rate @ 625 Lbs/Hr. Current syntron settings are at 1.5 "on", 4.5 "off", and 10% vibration.**

**Midnight shift: Continue on.**

**Day shift: Continued on.**

**Afternoon Shift:**

**Exhaust to CTO**

### **New Pfaudler / Zr-0405:**

**Continue on.**

**Midnight shift: Started batch #6 on shift. Batch #7 should be the last batch, using the remaining 4 full (1000 lb) bags and 1 partial (180 lb) bag. Confirm with Bodmann on proper solution ratio for this final batch.**

**Day shift: Batch is still drying. Not sure why it is taking so long. Will need solution numbers from Bodmann for the last batch.**

**Afternoon Shift:**

### **#4 RC / Zr 0405:**

**Continue. There is a partial bag in shipping that will need to be brought over and topped off at some point.**

**Midnight Shift: Continue. First surface area was 27 (25 is minimum) and highest batch temp around 690 per the MOD. Continue to monitor and keep eye on Trimer.**

**Day shift: Continued to run.**

**Afternoon Shift:**

**Exhaust to Trimer**

### **6 Tank /D-5253**

**We will be making the AMT solution, and rinsing the line from the tank to the new pfaudler once the Zr-0405 run is complete**

**Midnight Shift: Tank has been filled with distilled water. We will add the powder on day shift.**

**Day Shift: No change.**

**Afternoon shift:**

### **National Dryer: D-5253**

**Soda blasting is complete. Justin plans to run an experiment to try and dissolve the residue on the belt. Caustic spraying put on hold.**

**Midnight Shift: No activity**

**Day shift:**  
**Afternoon Shift:**

**#5 RC / Cu-3818:**

**Vac-u-max was repositioned and restarted. It has been running pretty well.**

**Midnight Shift: Continue on.**

**Day shift: Continued on.**

**Afternoon shift:**

**Exhaust to 5A DC**

**PK Blender/Al Na Selexorb:**

**Maintenance performed sheave change and dps are much better/in range. Do not blow down the dust collector. Do not make batches if the DP on the dust collector is not in range. Be sure to clean the dust collector clean out ports.**

**Midnight Shift: Running when manpower permits, however when additional cartridges were added to the dust collector on Monday afternoon the pressure drop fell below the Title V required range (3-5"). Dp is now around 1.6, Justin Quach notified, DO NOT RUN until this can be corrected.**

**Day shift: Dust collector dp was fixed and we can run when manpower permits.**

**Afternoon shift:**

**Abbe Blender / 5206:**

**ONLY run Abbe on off shifts and weekends. (Need approx. ?? more batches)**

**Midnight shift: No activity**

**Day shift:**

**Afternoon Shift:**

**#6 RC / D-5206**

**Sly scrubber repairs needed again**

**Midnight shift: Feeding buggies, may bring Sly down Tuesday for exhaust line valve install.**

**Day Shift: The saga continues.....**

**Afternoon shift:**

**Exhaust to Sly Scrubber**

**Tower 3/Cu 0860, then E 474:**

**Loaded and running. E-474 will be next after the Cu-0860 has been exhausted.**

**Also, a Sheave change will be required Wednesday per Kristen Kaput.**

**Midnight Shift: Continue on, next tower load should be E 474 and sheave change will be needed – probably by Wednesday.**

**Day shift: Loaded and running.**

**Afternoon shift:**

**Tower 6 / Cu 0860, then one more Cu 0860 before DPT  
101:**

Continue. DPT-101 will be next after the Cu-0860 has been exhausted.

Midnight Shift: Down and will be waiting for N2 line space. Could be available by middle or end of day shift

Day shift: Waiting on line space. Should be ready to unload/reload beginning of second shift.

Afternoon shift:

**North Screener / Cu 0860:**

Continue to run.

Midnight shift: Continue

Day shift: Continued.

Afternoon shift:

**South Screener / Cu 0860:**

Continue to run

Midnight shift: Continue

Day shift: Continued.

Afternoon Shift:

**#2662 (west) Pill Machine / Al-3915 T 5/32:**

Midnight shift: Continue with re-assembly

Day Shift: Continued re-assembly.

Afternoon shift:

**#2664 (east) Pill Machine / Al-3915 T 5/32:**

Midnight shift: Continue

Day shift: Continued.

Afternoon shift:

**TK #2 / V-2046 done, V 2045 next after Cu 0540 done:**

Down and done with V 2046, V 2045 next (See TK #4 info)

Midnight shift: Down

Day Shift:

Afternoon shift:

**TK #4 / Cu 0540:**

Continue loading.



**Midnight shift: Continue Cu-0537 lot 77 bags-7 have been released and can be fed into the tunnel kiln. This should be the end of the run.**

**Day Shift: Continued loading.**

**Afternoon shift:**

### **Harrop Kiln / AL-4190:**

**Continue to load and unload and assist screener operator.**

**Midnight shift: Continued loading/unloading the AL-4190.**

**Day Shift: Continued.**

**Afternoon shift:**

### **Building 27 Belt Filter / Cu 6081:**

**On hold until day shift Wednesday. Note: use 120 bags instead of 116. Please fill bags to 1200# and ensure bags are clean of powder on the outside of them and the pallets as they have to be transported down the street.**

**Midnight shift: No activity – plenty of raws staged. We will not be starting up until 2<sup>nd</sup> shift Tuesday (earliest), however that may be delayed until engineers can verify whether the APV dryer is working properly. Noemi Trent and Jack Pettry will advise. When running again, it is vital that raws are continually staged and the copper nitrate totes are filled by the North End.**

**Day shift: The new plan is to start on Wednesday day shift.**

**Afternoon Shift:**

**Note: All bags and drums of X-052 that are not finished material can be taken to solid waste and labeled as such.**

Priorities 1 through 10 are basically all the same priority, should be considered urgent and will require call outs for maint issues and/or processing issues.

- 1) East Pfaudler/#3 P&S Dryer/#3RC/CTO
- 2) West Pfaudler/#4RC
- 3) Reduction Towers
- 4) Reduction Tower Screeners
- 5) #1 Line
- 6) #4 Tunnel Kiln
- 7) #5 RC

- 8) #2 Line/#2RC
- 9) South PK
- 10) Horne Tabletting
- 11) South Precip
- 12) Abbe/#6RC
- 13) Warehouse - Touch up paint on Cu-0860 ERL green drums